CLAIMS

1) Shock-absorbing means of attachment for components and printed circuit and component support boards, characterised by the fact that it comprises at least two ends (EX) each equipped for attachment to a separate object; these two ends (EX) each comprise one of the following elements;

- an internal thread (FI),
- en external thread (FE),
- a housing (L) to accommodate and maintain one or more conventional or non-conventional means of attachment,
- a part which is compressed (PC) when it passes through an attachment hole,
- a retention protuberance or protuberances (PR),
- a retention notch or notches (ER),
- a hook (C),
- a retaining bar (B) for hook,

and characterised by the fact that once installed in an attachment situation these two ends (EX) each attached to a separate object are linked to each other only by the flexible part (PS) located between them, and not by a rigid part or combination of parts constituting a rigid assembly.

This flexible part (PS) enables these two equipped ends (EX) to be moved with respect to each other in all directions.

2) Shock-absorbing means of attachment in accordance with claim 1 characterised by the fact that it comprises an internal passage (PI) passing through the

flexible part (PS). This internal passage (PI) allows the insertion of a manipulating and tightening tool and/or a means of attachment.

3) Shock-absorbing means of attachment in accordance with claim 1 characterised by the fact that the housing (L) comprises walls (PL) which move apart from each other when a means of attachment is installed in the housing (L).

4) Shock-absorbing means of attachment in accordance with claim 2 characterised by the fact that the internal passage (PI) comprises walls (PP) which move apart from each other when a manipulating and tightening tool or a means of attachment is inserted in the internal passage (PI).

5) Shock-absorbing means of attachment in accordance with claim 1 or claim 3 characterised by the fact that the threads (FI, FE), parts which are compressed (PC), retention protuberances (PR), retention notches (ER), hooks (C), retaining bars (B) and housings (L) located at the equipped ends (EX) are oriented at an angle to each other.

6) Shock-absorbing means of attachment in accordance with claim 1 or claim 3 characterised by the fact that the threads (FI, FE), parts which are compressed (PC), retention protuberances (PR), retention notches (ER), hooks (C), retaining bars (B) and housings (L) located at the equipped ends (EX) are oriented in parallel to each other.

7) Shock-absorbing means of attachment in accordance with any one of the previous claims characterised by the fact that a housing or housings (L), an internal thread or threads (FI) and an internal

passage or passages (PI) are in communication with each other or among themselves in pairs or more.

8) Shock-absorbing means of attachment in accordance with one of claims 1, 5 or 6 characterised by the fact that the hook (C) and the retaining bar (B) comprise, on themselves on in their immediate environment, a tightening boss (BS).

9) Shock-absorbing means of attachment in accordance with one of claims 1, 5, 6 or 8 characterised by the fact that the hook (C) and the retaining bar (B) are compatible with each other for attachment to each other.

10) Shock-absorbing means of attachment in accordance with claim 1 or claim 2 characterised by the fact that the flexible part (PS) linking the two minimum required equipped ends (EX) is electrically conductive.

11) Shock-absorbing means of attachment in accordance with claim 1 characterised by the fact that a hole (O) complements or replaces a housing (L).